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Inventor: Antonio Marriog Martinez  
Title: PROGRAMMABLE BUILT-IN SELF-TEST CIRCUIT FOR SERIALIZER/DESERIALIZER  
CIRCUITS AND METHOD  
Attorney: Guy K. Clinger (303) 298-9888  
PDNO: 10030374-1

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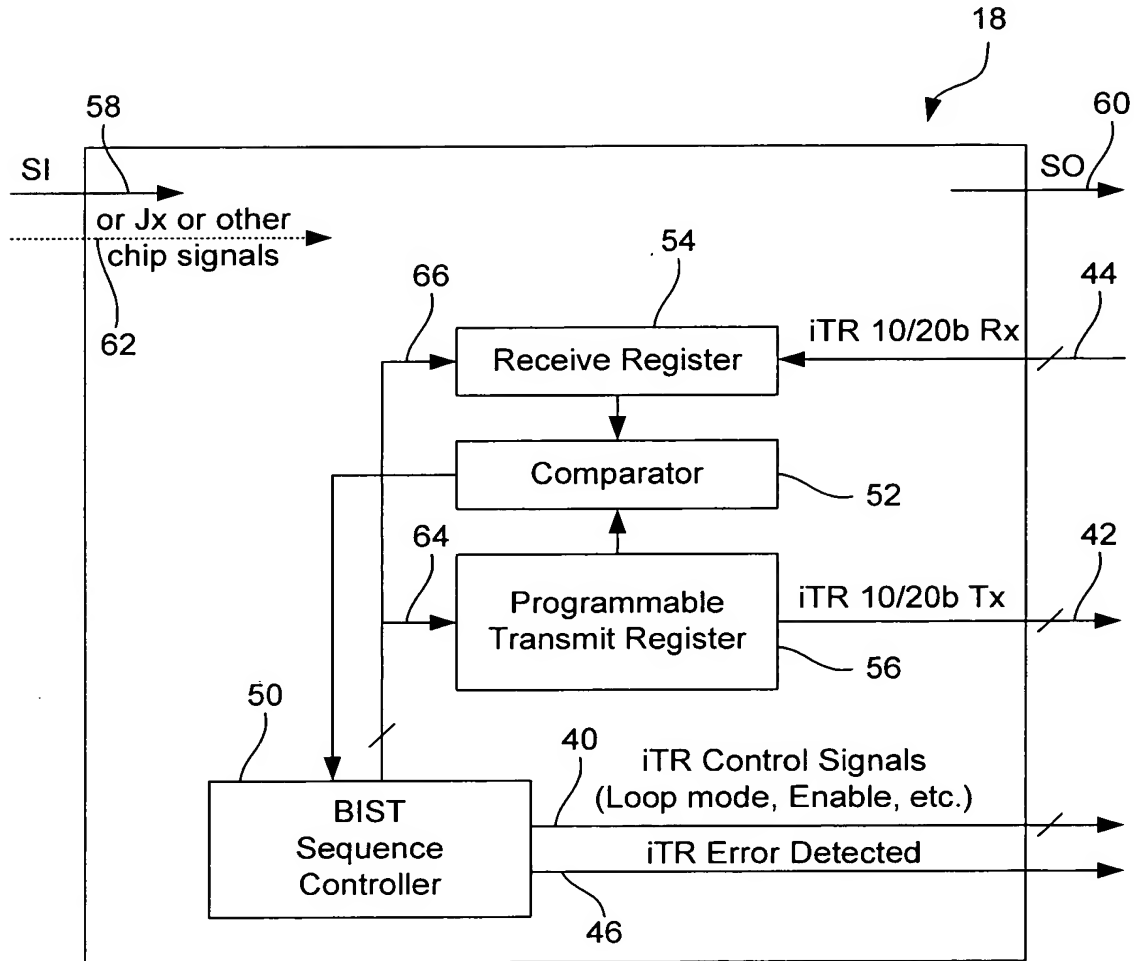


FIG. 2

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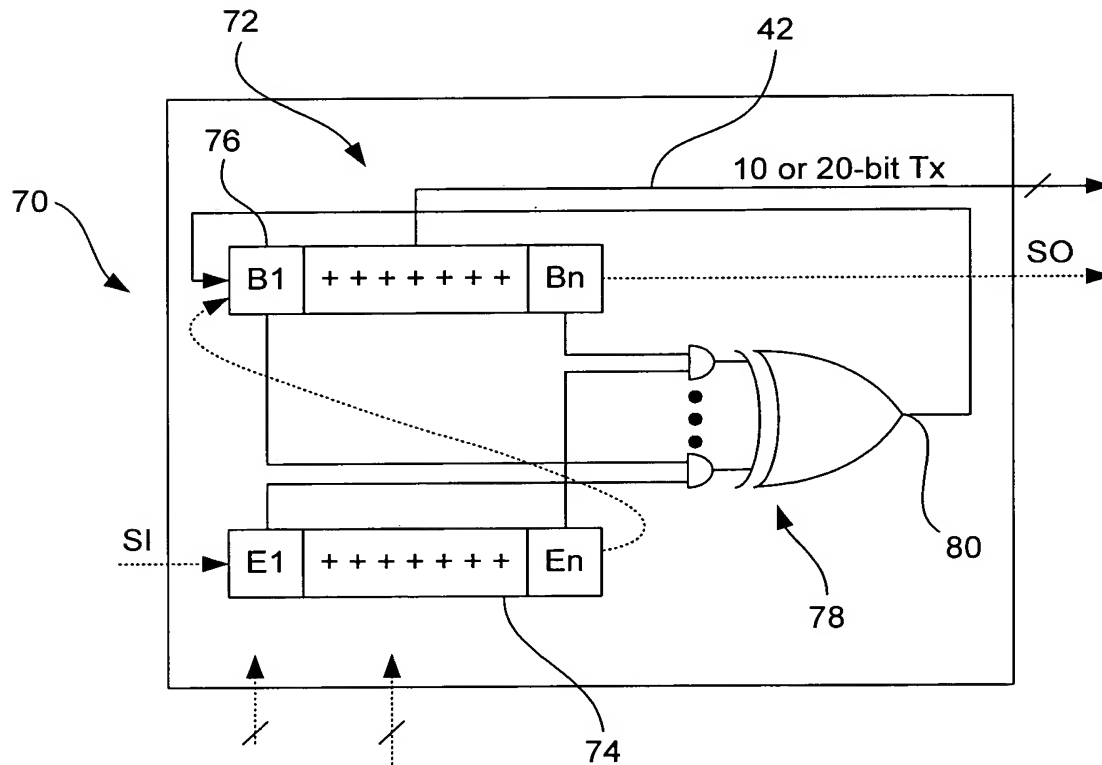
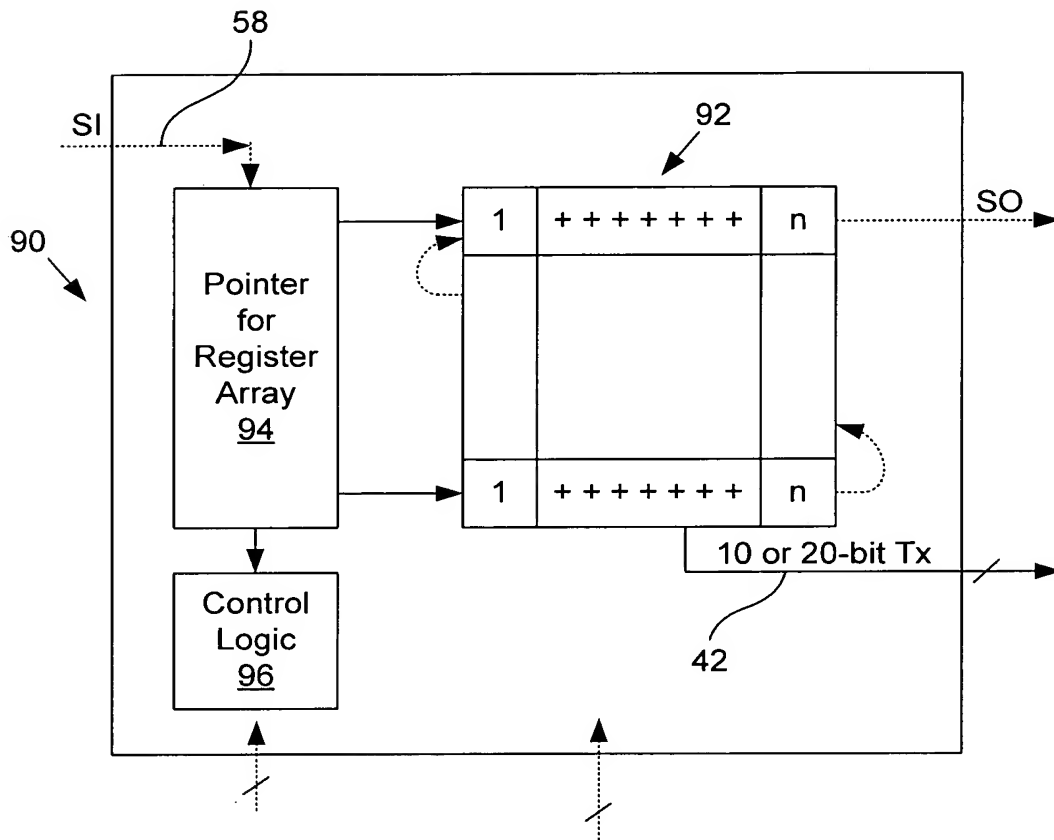


FIG. 3

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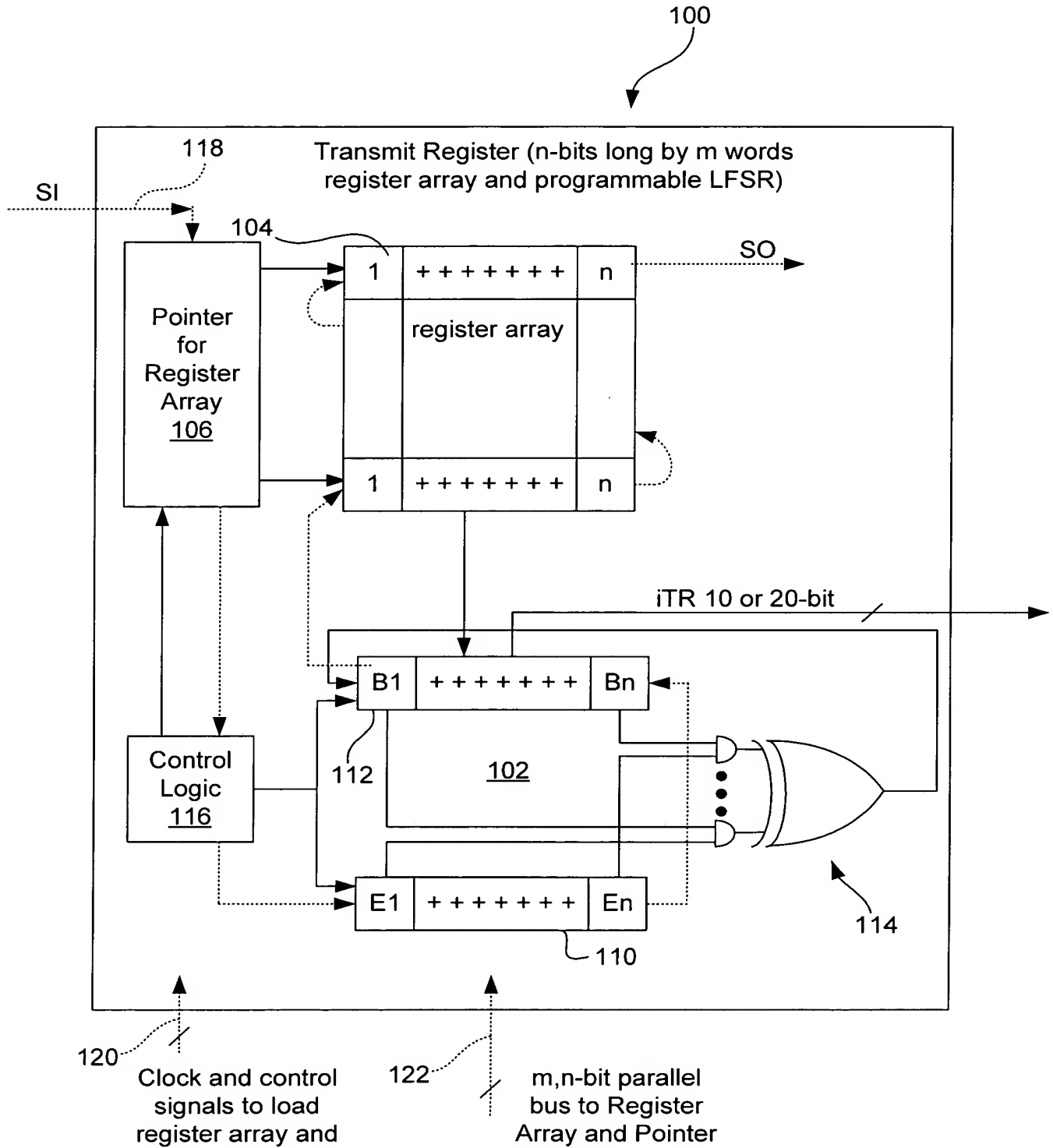
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**FIG. 4**

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**FIG. 5**